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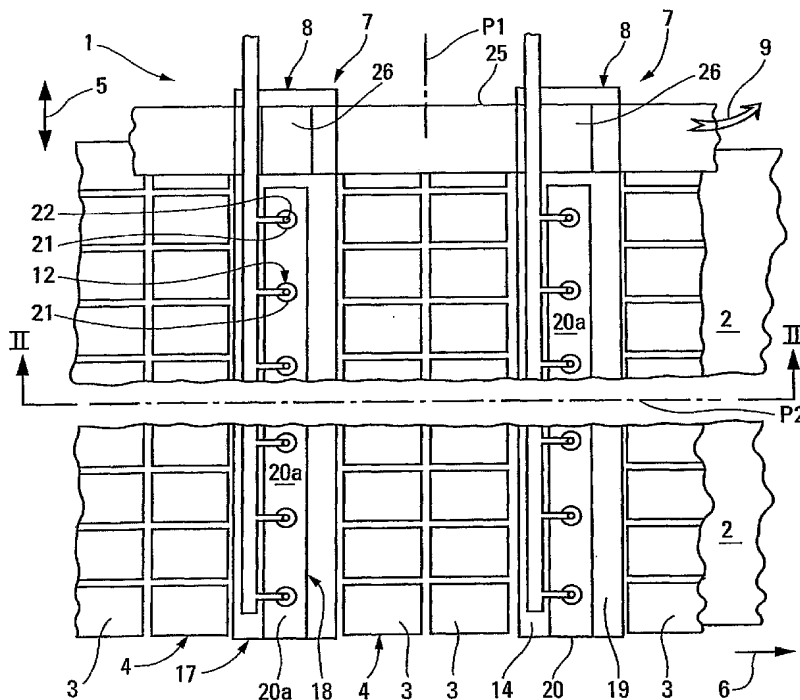
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(54) Title: DRIER INSTALLATION FOR DRYING WEB



(57) Abstract: A drier installation (1) for drying web (2), more particularly paper, which installation is provided for drying a maximum web width, the installation (1) comprises gas-heated radiant elements (3) for radiating the web, arranged according to at least one row (5) stretching out in the transversal (5) direction over the substantially entire maximum web width. The installation (1) comprises at least a transversal convective system (7, 36) equipped with suction and blowing devices (8) for sucking at least part of the combustion products produced by the radiant elements (3) by means of a suction duct (13) and for blowing this part of the combustion products towards the web (2) by means of a blowing duct (14). Both suction (13) and blowing (14) ducts stretch out in the transversal (5) direction of the web (2). The convective system (7, 36) comprising at least a mixing device (12, 22, 28, 37, 46) installed opposite of the passing web (2) in relation to corresponding suction (13) and blowing (14) ducts and arranged so as to suck and/or blow the combustion products. The

drier installation as subject of the present invention is characterized in that the vector average of the projections (V1, V2, V3, V5, V6, V7, V8) in a plane (P1) perpendicular to the web (2) and stretching out in the transversal (5) direction of the web (2), has component (V4) parallel to the web (2) that is smaller than the maximum web width of the web (2), the vectors representing the respective trajectories of the different jets of sucked and/or blown combustion products.



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